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1. TOLERANCES IAW MPP-54, UNLESS OTHERWISE NOTED.

2. VENDOR: MIRADA RESEARCH AND MANUFACTURING INC.

3. STENCIL DATA SHALL BE READ WHEN FACING DIRECTION AS INDICATED AND LOCATED APPROXIMATELY WHERE SHOWN WITH F/N 35.

4. MATERIAL: FOR P/N 600.0008, SEE SPEC AMS-014 REV N/C.  
FOR P/N 600.0110, SEE SPEC AMS-014A REV N/C.  
USE MATERIAL 600.0110 FOR LIGHTWEIGHT FLOAT ASSY.

5. ALL DOUBLERS TRIM TO FIT.

6. MATERIAL: FOR P/N 600.0025, SEE SPEC AMS-021 REV N/C.

7. IDENTIFY IAW MPP-120.

8. INSTALL F/N 67 ON AFT SIDE ONLY

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
D	INCORPORATED ECNS 05734, 05782	07-12-17	P. BRAVO

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
NC	INITIAL RELEASE	12-22-2008	P. BRAVO
A	INCORPORATED ECNS 02438,02465,02634 AND 02689	11-23-2009	P. BRAVO
B	INCORPORATED ECNS 02714, 02738, 02783, 04835	02-09-2015	P. BRAVO
C	INCORPORATED ECNS 05402 & 05532	08-15-2016	P. BRAVO

CONFIGURATION TABLE					
KIT P/N	DESCRIPTION	BASE BOM	DELETE	ADD	NOTES
646.5407	EC145 T2 FWD FLOAT ASSY LH	646.5401	645.1905 645.1909 645.1810	645.1818 645.1916 645.1923	645.1818 in Fwd Chamber 645.1916 in Mid Chamber 645.1923 in Aft Chamber
646.5408	EC145 T2 FWD FLOAT ASSY RH	646.5402	645.1821 645.1906 646.1921	645.1822 645.1922 645.1909	645.1822 in Fwd Chamber 645.1922 in Mid Chamber 645.1909 in Aft Chamber
646.5409	EC145 T2 FWD FLT ASSY L.H W/GUARD	646.5406	645.1905 645.1909 645.1810	645.1818 645.1916 645.1923	645.1818 in Fwd Chamber 645.1916 in Mid Chamber 645.1923 in Aft Chamber
646.5410	EC145 T2 FWD FLT ASSY R.H W/GUARD	646.5405	645.1821 645.1906 646.1921	645.1822 645.1922 645.1909	645.1822 in Fwd Chamber 645.1922 in Mid Chamber 645.1909 in Aft Chamber

1						71	646.5608	COVER FWD L.H W/ GUARD		
		1	1			70	646.5449	INNER DOUBLER AFT	6	
		1	1			69	646.5448	INNER DOUBLER FWD	6	
4	4			4	4	68	601.0785	BOLT	AN3C6A	
		4	4			67	647.2702	SANDWICH SPLIT PATCH		
		1	1			66	646.5445	INNER CONE DOUBLER	6	
		1			1	65	645.1821	-6 INLET CHECK VALVE		
1					1	64	645.1909	-6 INLET CHECK VALVE		
	1					63	646.5607	COVER FWD R.H W/ GUARD		
1					1	62	645.1905	-6 INLET CHECK VALVE		
	1				1	61	645.1921	-6 INLET CHECK VALVE		
		2	2			60	646.5711	CHANNEL		
		1	1			59	646.5310	GIRT		
		2	2			58	20370-2	VELCRO PATCH		
		2	2			57	20370-1	VELCRO PATCH		
		5 YD	5 YD			56		TAPE 2.0" BIAS	4	
					1	55	646.5604	COVER, FWD R.H.		
					1	54	646.5603	COVER, FWD L.H.		
		5 YD	5 YD			53		TAPE 3.0"	4	
16	16			16	16	52	601.0789	NUT	MS21043-3	
32	32			32	32	51	601.0774	WASHER	NAS1146C0363R	
12	12			12	12	50	601.0720	BOLT	AN3C5A	
		A/R	A/R			49	600.0912	INK	MIL-I-6903 TYP IV BLK	
		2	2			48	602.3007	HOSE ASSY		
		25 YD	25 YD			47		TAPE 1" BIAS	4	
		3	3			46	20303-4	VALVE COLLAR	4	
		3	3			45	20443-1	COMM FLANGE ASSY	4	
		3	3			44	20441-1	DIFFUSER	4	
		3	3			43	20304-1	CHAFE GUARD	4	
		3	3			42	20303-2	VALVE COLLAR		
.5406	.5405	.5404	.5403	.5402	.5401					
QTY						F/N	PART No.	DESCRIPTION	MAT'L	SPEC

		3	3			41	20303-1	VALVE COLLAR	4	
		2	2			40	646.5446	GIRT OUTER DOUBLER	6	
		20	20			39	647.2701	SPLIT PATCH	4	
		3				38	20303-3	VALVE COLLAR	4	
		1				37	646.5444	PANEL INNER BAG - AFT R.H.	4	
		1				36	646.5443	PANEL INNER BAG - FWD R.H.	4	
		1				35	646.5442	CONE INNER R.H.	4	
		1				34	646.5441	PANEL CENTER - AFT R.H.	4	
		1				33	646.5440	PANEL CENTER - FWD R.H.	4	
		1				32	646.5439	PANEL AFT - OUTER BAG R.H.	4	
		1				31	646.5438	PANEL FWD - OUTER BAG R.H.	4	
		1				30	646.5437	CONE - OUTER R.H.	4	
			1			29	646.5436	PANEL AFT - INNER BAG L.H.	4	
			1			28	646.5435	PANEL AFT - CENTER BAG L.H.	4	
			1			27	646.5434	PANEL AFT - OUTER BAG L.H.	4	
		2	2			26	646.5433	COLLAR - INNER BAG	4	
		1	1			25	646.5432	COLLAR - INNER CONE	4	
		1	1			24	646.5431	OUTER CONE COLLAR	4	
		2	2			23	646.5430	OUTER COLLAR - AFT	4	
		4	4			22	646.5429	CENTER COLLAR	4	
		8	8			21	646.5426	X-HINGE TAPE	4	
		2	2			20	646.5425	DOUBLER BOTTOM -BAGS	4	
1	1			1	1	19	646.5424	DOUBLER CENTER - GIRT	6	
2	2			2	2	18	646.5423	DOUBLER - GIRT	6	
1	1			1	1	17	646.5422	GIRT TOP PANEL	6	
1	1			1	1	16	646.5421	GIRT PANEL	4	
		2	2			15	646.5419	OUTER BAG END CAP	4	
		2	2			14	646.5418	INNER BAG END CAP	4	
		4	4			13	646.5417	CENTER CAP PANEL	4	
		1	1			12	646.5416	ENDCAP INNER CONE	4	
		2	2			11	646.5415	ENDCAP OUTER CONE	4	
			1			10	646.5414	OUTER CONE L.H.	4	
			1			9	646.5413	INNER CONE L.H.	4	
			1			8	646.5412	INNER BAG PANEL FWD L.H.	4	
			1			7	646.5411	OUTER BAG PANEL FWD L.H.	4	
			1			6	646.5410	CENTER PANEL FWD L.H.	4	
	1			1		5	645.1906	-6 INLET CHECK VALVE		
		3	3			4	600.0205	FLUSH FLANGE	B-51073 REV D	2
		3	3			3	600.0206	RECESSED FLANGE	B-51242 REV C	2
1					1	2	645.1810	-6 INLET CHECK VALVE		
		3	3			1	601.1447	PRV/TOPPING VALVE	A-53001-S REV N/C	2
X							646.5406	FWD FLOAT ASSY L.H W/GUARD		
	X						646.5405	FWD FLOAT ASSY R.H W/ GUARD		
	1	X		1			646.5404	FLOAT R.H.		
1			X		1		646.5403	FLOAT L.H.		
				X			646.5402	FWD FLOAT ASSY R.H.		
					X		646.5401	FWD FLOAT ASSY L.H.		
.5406	.5405	.5404	.5403	.5402	.5401					
QTY						F/N	P/N	DESCRIPTION	MAT'L	SPEC

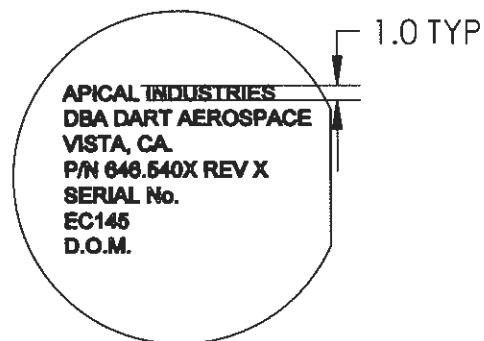
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR)		11/15/2008	
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		DP 11/15/2008		P. BRAVO 12-22-2008	
		DRAWING APPROVAL			
		12-22-2008			
		CONTRACT No.			
		UNLESS OTHERWISE SPECIFIED			
		DIMENSIONS ARE IN INCHES			
		TOLERANCES ARE			
		2 PLACE DECIMALS ±.04			
		3 PLACE DECIMALS ±.030			
		ANGLES ± 1°			
		SIZE		DWG. NO.	
		B		07M26	
		SCALE		NONE	
		SHEET		1 OF 5	

**DART** 3030 ENTERPRISE CT., SUITE A  
AEROSPACE VISTA, CA. 92081  
APICAL INDUSTRIES, INC. (760)-724-5300  
dba DART AEROSPACE

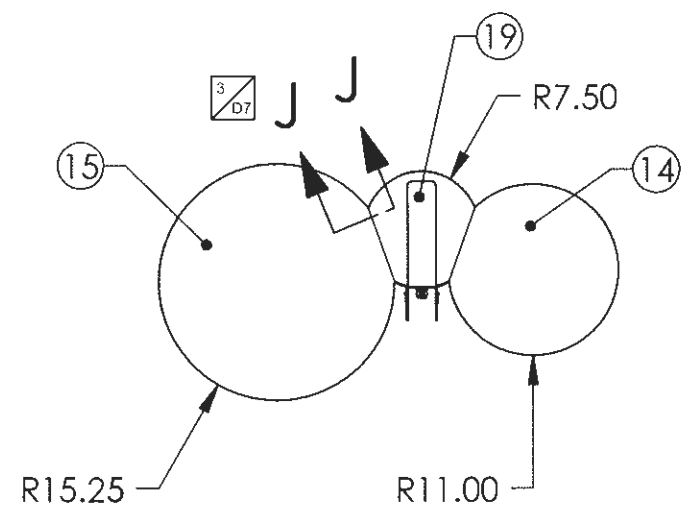
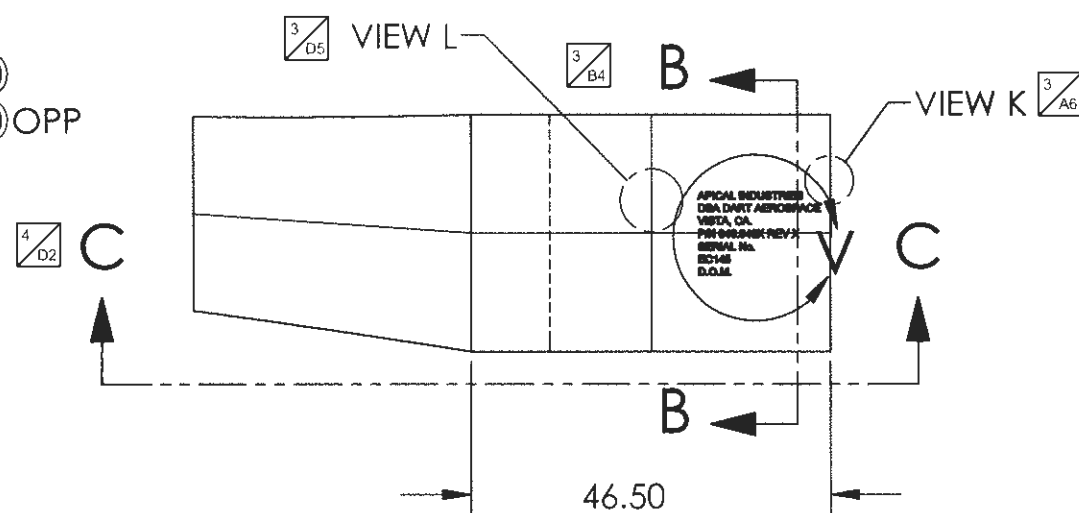
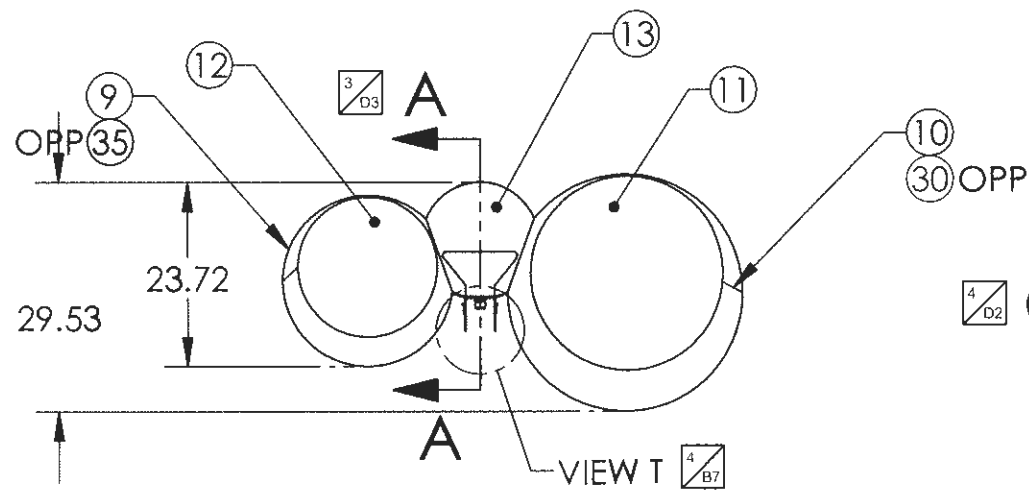
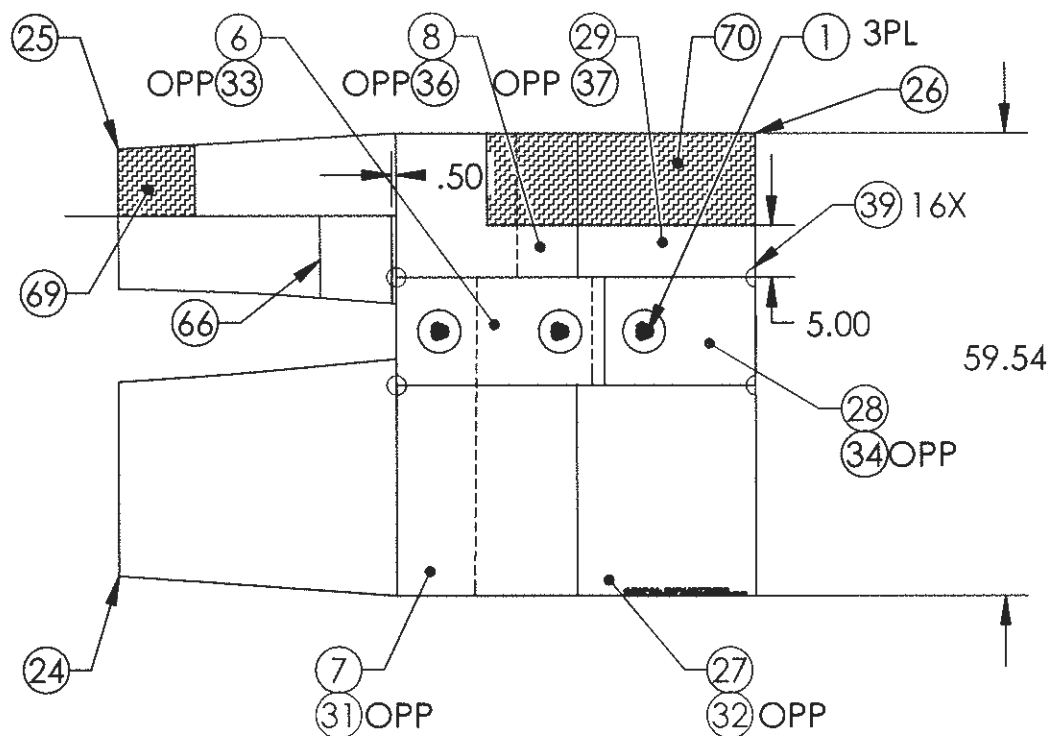
FWD FLOAT ASSY

REV. D

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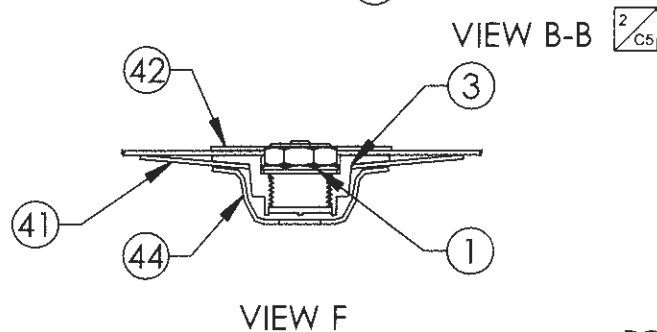
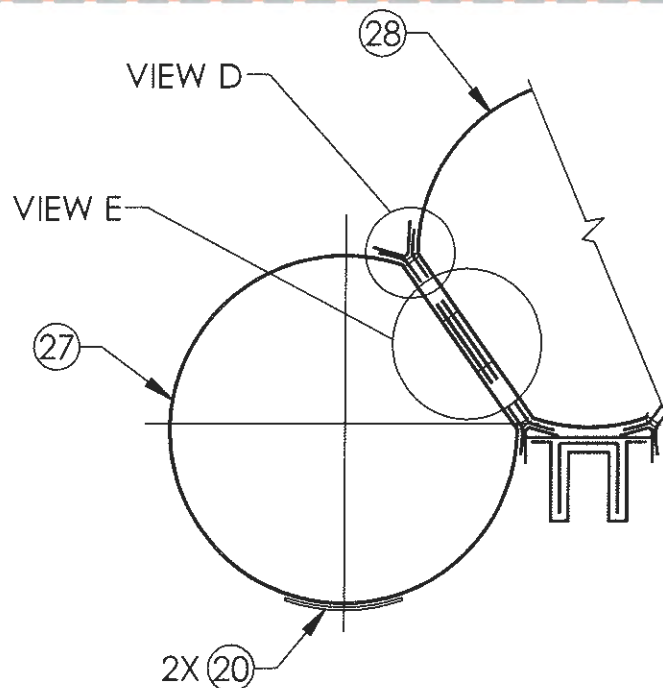
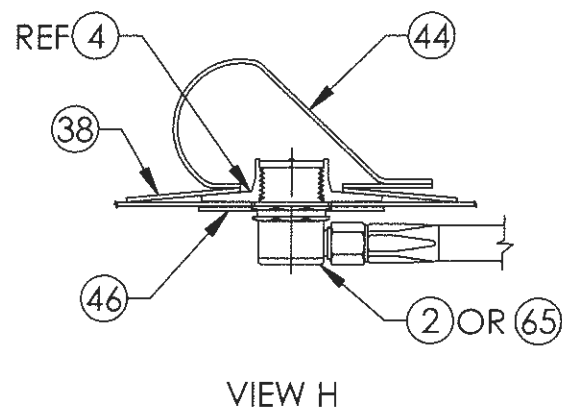
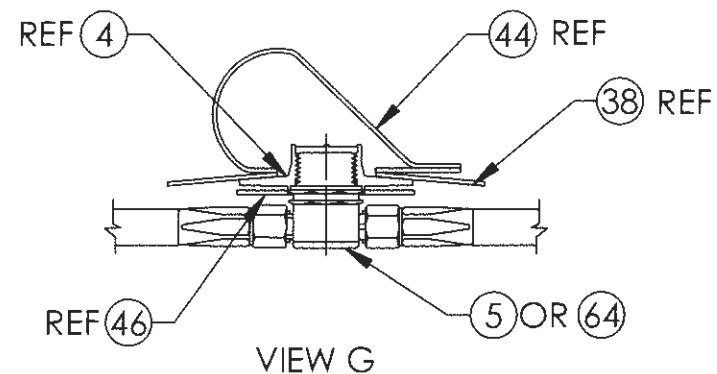


DETAIL V  
SCALE 1 : 12

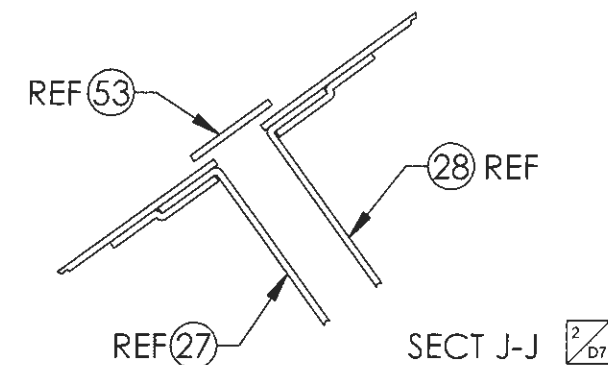
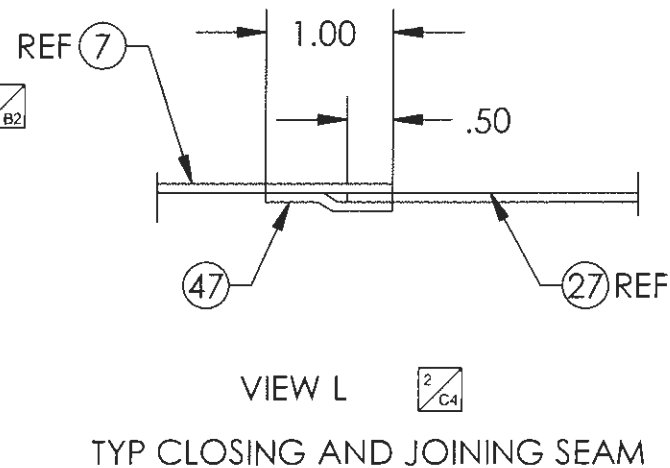
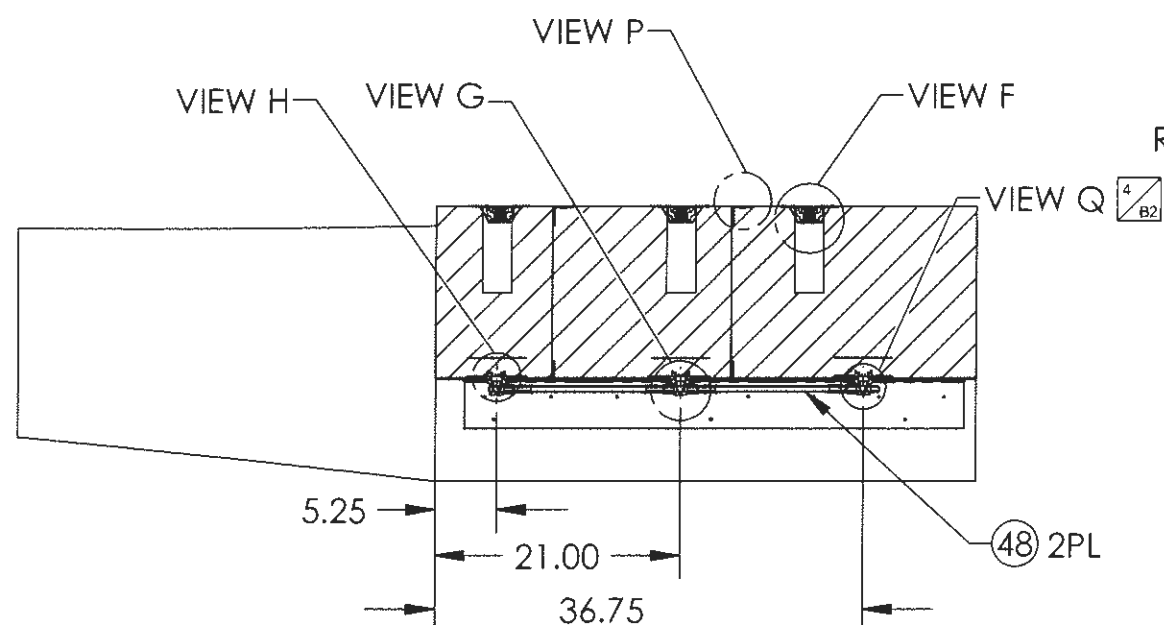
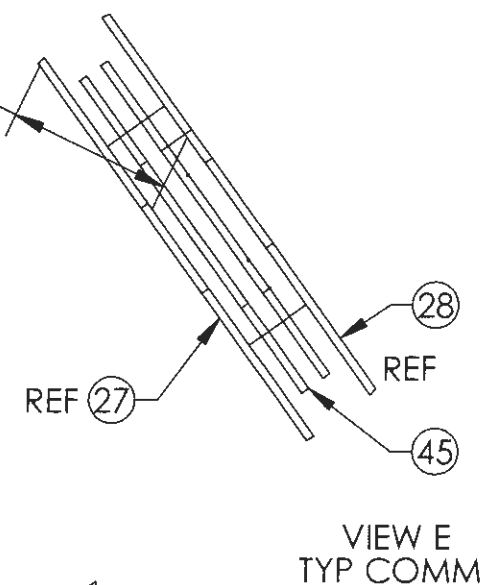
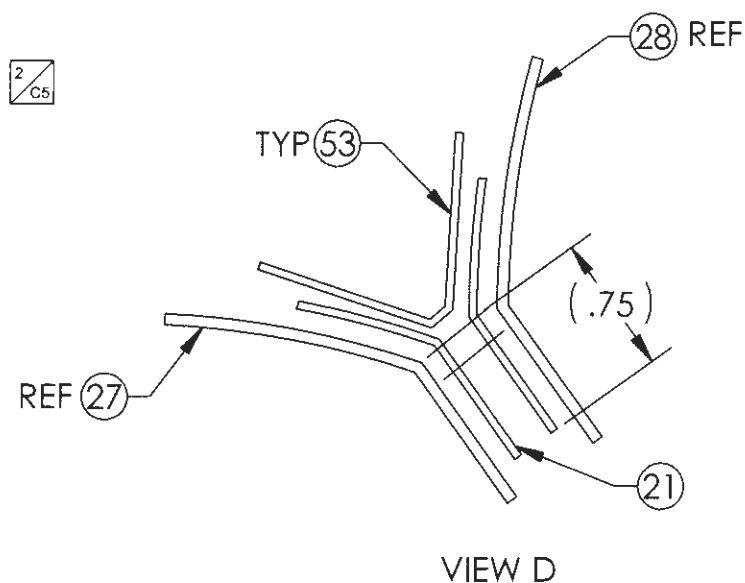
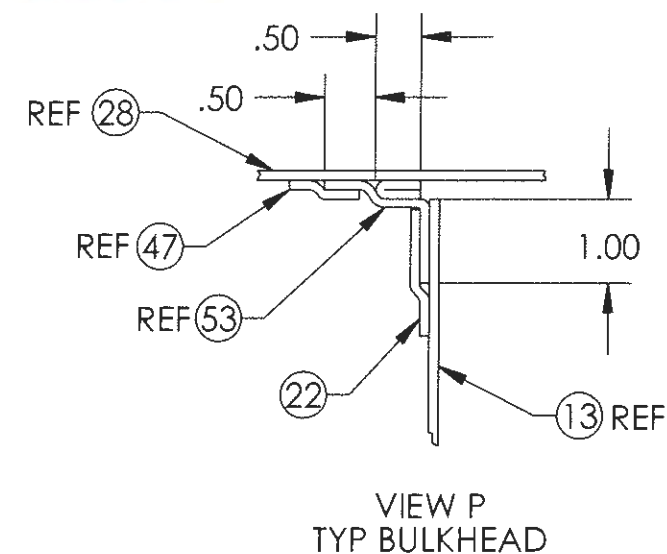
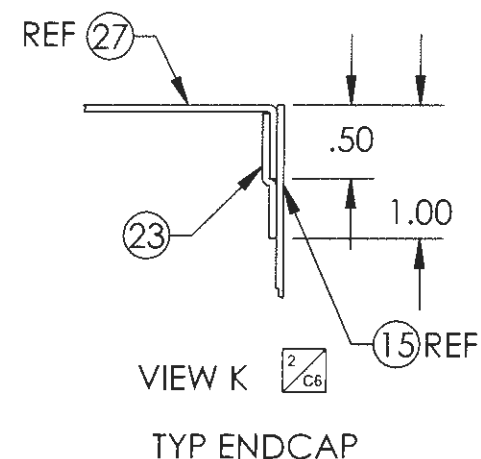



ORIGINAL DATE (MO-DA-YR) 11/15/2008		<b>DART</b> 3030 ENTERPRISE CT., AEROSPACE SUITE A APICAL INDUSTRIES, INC. VISTA, CA. 92081 dba DART AEROSPACE (760)-724-5300	
DRAWN BY DP 11/15/2008	CHECKER P. BRAVO 12-22-2008		
DRAWING APPROVAL PB 12-22-2008		FWD FLOAT ASSY	
CONTRACT No.		SIZE B	REV. D
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± 5°		CAGE CODE 07MZ6	DWG. NO. 646.5400
		SCALE NONE	SHEET 2 OF 5

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VIEW F

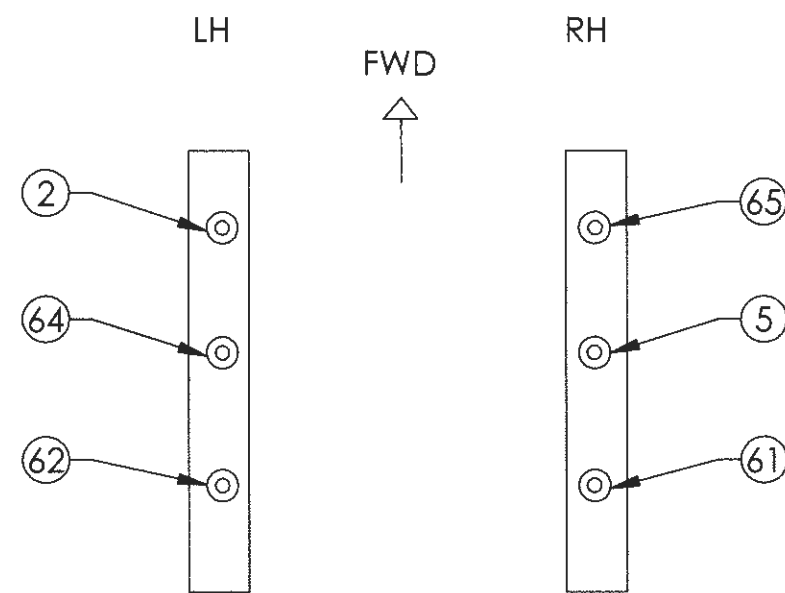
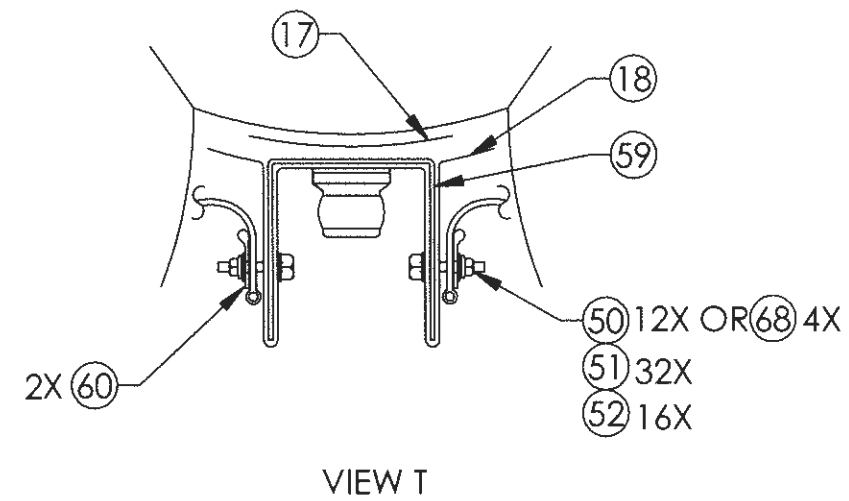
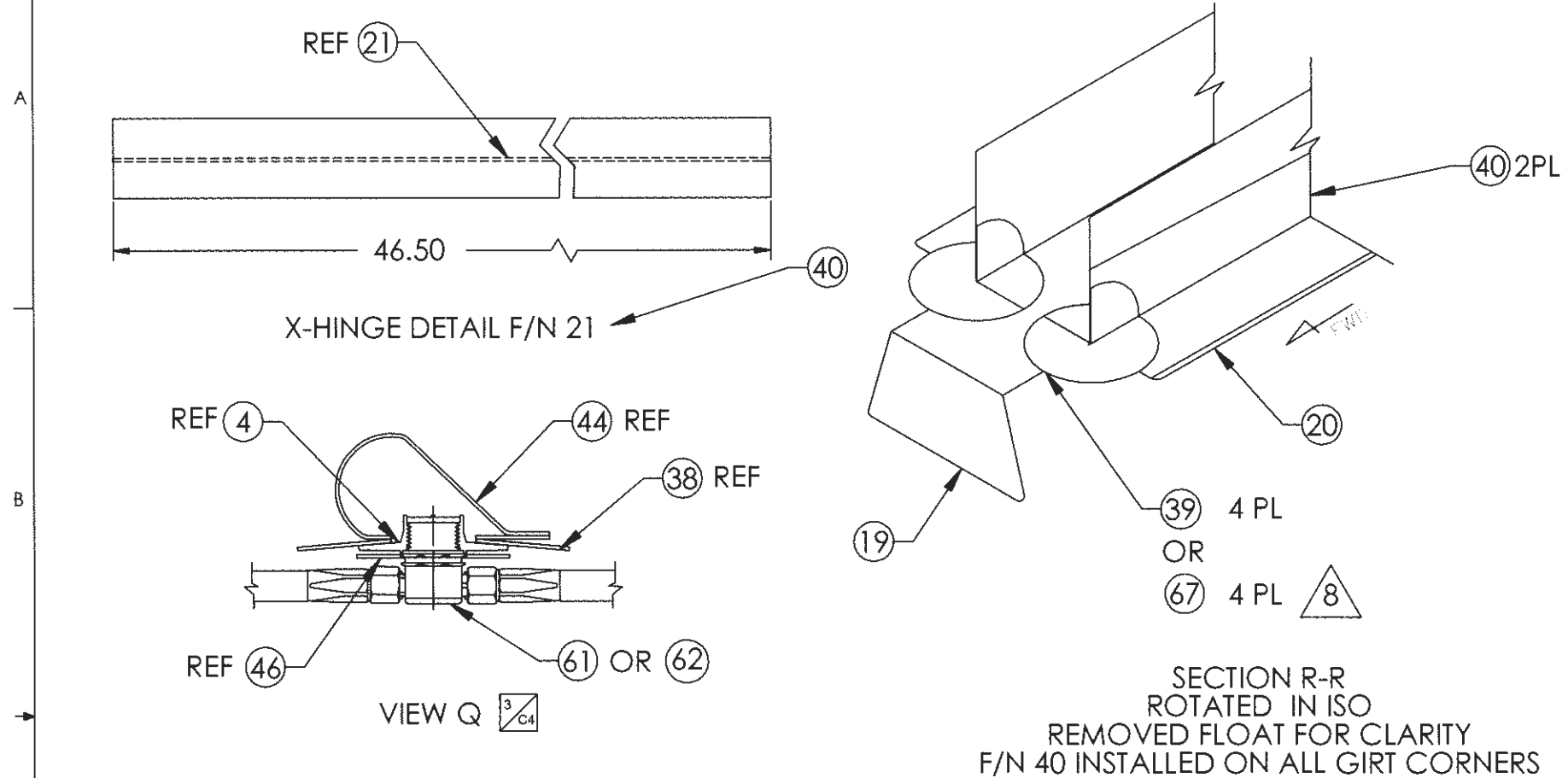


ORIGINAL DATE (DA-MO-YR) 11/15/08		 <b>DART</b> AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300				
DRAWN BY DP 11/15/08	CHECKER P. BRAVO 12-22-08							
DRAWING APPROVAL PB 12-22-2008								
CONTRACT NO.				<b>FWD FLOAT ASSY</b>				
<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .04 3 PLACE DECIMALS ± .030 ANGLES ± .5°</div>		SIZE B				CAGE CODE 07M26	DWG. NO. 646.5400	REV. D
		SCALE NONE				SHEET 3 OF 5		

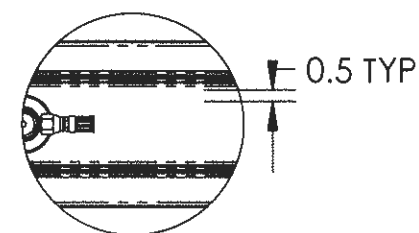
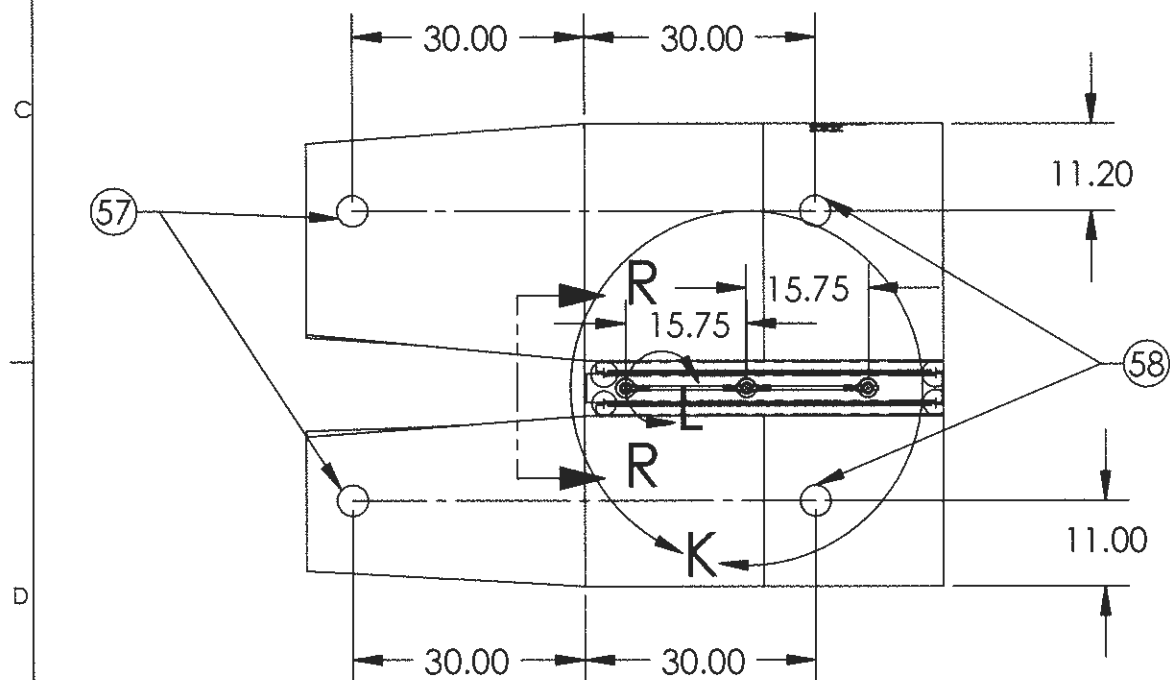
**DART** AEROSPACE  
3030 ENTERPRISE CT., SUITE A  
VISTA, CA. 92081  
(760)-724-5300  
FWD FLOAT ASSY



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DETAIL K  
INLET CHECK VALVE INSTALLATION INSTRUCTION



DETAIL L  
SCALE 1 : 8  
646.5401 SHOWN  
646.5402 OPP

ORIGINAL DATE (MO-DA-YR) 11/15/2008		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA, 92081 (760)-724-5300	
DRAWN BY DP	CHECKER P. BRAVO		
11/15/2008	12-22-2008	<b>FWD FLOAT ASSY</b>	
DRAWING APPROVAL PB	12-22-2008		
CONTRACT No.		SIZE B CAGE CODE 07M26 DWG. NO. 646.5400 REV. D	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SCALE NONE SHEET 4 OF 5	

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